

POLYMER PTC RESETTABLE FUSE

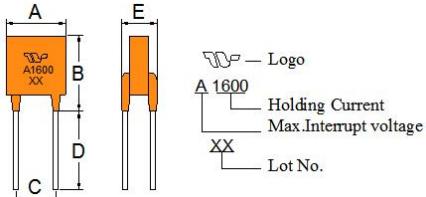


Part Number: TRA1600

1、Physical Dimensions

Unit:mm

Part Number	A	B	C	D	E	Lead
	Max	Max	TYP	Nor	Max	Φ
TRA1600	24.2	32.9	10.2	10±2	3.1	0.80



2、Electrical Characteristics

Part Number	I _H (A)	I _T (A)	V _{max} (V)	I _{max} (A)	T _{trip} (Max time to trip)		P _{d typ} (W)	R _{min} (Ω)	R _{max} (Ω)	R _{1 max} (Ω)
					Current(A)	Time(S)				
TRA1600	16.0	32.0	16	100	80.0	20.0	4.2	0.0015	0.0075	0.011

I_H: Holding Current: maximum current at which the device will not trip in 25°C still air.

I_T: Tripping Current minimum current at which the device will trip in 25°C still air.

V_{max}: Maximum voltage device can withstand without damage at rated current.

I_{max}: Maximum fault current device can withstand without damage at rated voltage.

T_{trip}: Maximum time to trip(s) at assigned current.

P_{d typ}: Rated working power.

R_{min}: Minimum resistance of device prior to trip at 25°C.

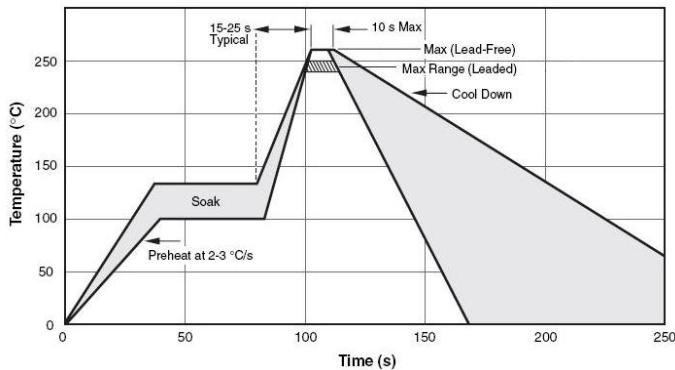
R_{max}: Maximum resistance of device prior to trip at 25°C.

R_{1 max}: Maximum resistance of device is measured one hours post reflow at 25°C.

3、Thermal Derating

Part Number	Ambient Operating Temperature								
	-40°C	-20°C	0°C	25°C	40°C	50°C	60°C	70°C	85°C
TRA1600	21.60	20.20	18.80	16.00	14.50	13.30	12.00	10.80	9.50

4、Wave Soldering Parameters



Profile Feature	Condition
Average Ramp-Up Rate (Tsmax to TP)	4°C/second max.
Preheat	<ul style="list-style-type: none"> -Temperature Min (Tsmin) -Temperature Max (Tsmax) -Time (Tsmin to Tsmax)
Peak Temperature (TP)	265°C
Max Time at Peak Temperature (tP)	5 seconds
Ramp-Down Rate	6 °C /second max.
Time 25°C to Peak Temperature	5 minutes max.
Storage Condition	0°C ~35°C, ≤70%RH, 2 Years

5、Package Information

Packing quantity: 200pcs/bag

6、Agency Recognition:



Caution: Operation beyond the rated voltage or current may result in rupture electrical arcing or flame. Specifications are subject to change without notice.

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